

**NON-PROVISIONAL  
UTILITY PATENT APPLICATION  
TRANSMITTAL - 37 CFR 1.53(b)**

☐ **Duplicate**  
(check, if applicable)

U.S. PTO  
10/656731



**MAIL STOP PATENT APPLICATION** Attorney Docket No.: 10844-34US (203067D-1)  
Commissioner for Patents First Named Inventor: Yoshiaki TANAKA  
P.O. Box 1450 Express Mail Label No.: EV 199927541 US  
Alexandria, VA 22313-1450 Total Pages of Transmittal Form: 2

Transmitted herewith for filing is the non-provisional utility patent application entitled:

**ALLOY TYPE THERMAL FUSE AND MATERIAL FOR A THERMAL FUSE ELEMENT**

which is:

an ☒ Original; or

a ☐ Continuation, ☐ Divisional, or ☐ Continuation-in-part (CIP)

of prior Application No. filed

Anticipated Group/Art Unit: or Class Subclass

☐ This non-provisional patent application is based on Provisional Patent Application No. filed

Enclosed are:

☒ Specification (including Abstract) and claims: 70 pages.

☒ 10 sheets of drawings (formal).

☐ Application Data Sheet.

☒ Newly executed Declaration (copy).

☐ Copy of Declaration from prior application.

☐ Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).

☐ Microfiche computer program (Appendix).

☐ Nucleotide and/or Amino Acid Sequence Submission, including:

☐ Computer readable copy ☐ Paper Copy ☐ Verified Statement.

☒ Under PTO-1595 Cover Sheet, an assignment of the invention

☒ Name of Assignee: Uchihashi Estec Co., Ltd.

☒ Certified copy of Japanese Application No. 2002-361701 filed December 13, 2002 is filed:

☒ herewith or ☐ in prior application

- ☒ Applicant, by its undersigned attorney, claims Small Entity Status under 37 C.F.R. §1.27 as ☐ an Independent Inventor, or ☒ a Small Business Concern, or ☐ a Non-Profit Organization.
- ☐ Preliminary Amendment.
- ☒ Information Disclosure Statement, PTO/SB/08A, and cited references.
- ☐ Request for Nonpublication of Application Under 35 U.S.C. §122(b)
- ☐ Other:

The filing fee is calculated as follows:

			SMALL ENTITY			LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE:			BASIC FEE:	
			\$375			\$750	
Total	58-20 =	38	X9	\$ 342	<input checked="" type="checkbox"/> OR	X18	\$
Independent	2-3 =	0	X42	\$ ----	<input checked="" type="checkbox"/> OR	X84	\$
<input type="checkbox"/> Multiple Dependent Claims Present			\$140	\$ ----	<input checked="" type="checkbox"/> OR	\$280	\$
			<b>TOTAL</b>	<b>\$ 717</b>	<input checked="" type="checkbox"/> OR	<b>TOTAL</b>	<b>\$</b>

- ☐ The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts
- ☒ A check in the amount of \$717.00 to cover the filing is enclosed.
- ☒ The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-1017 (Billing No. 210844.0034)** as noted below. A duplicate copy of this sheet is enclosed.
- ☒ Any overpayments or deficiencies in the above-calculated fee.
- ☐ Filing fee in the amount of \$\_\_\_\_\_ as calculated above.
- ☒ Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.
- ☒ In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

**CORRESPONDENCE ADDRESS**

September 3, 2003 By: William W. Schwarze  
(Date)

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WWS:msb

Enclosures